

# **EMBEDDED THERMAL CONTROL SYSTEM FOR HIGH FIELD MR SCANNERS**

## **Abstract of Disclosure**

A thermal control system having an initial bore condition and a thermal boundary condition for an MRI includes a thermal controller adapted to set at least one dynamic limit on power input into an MRI gradient coil. The dynamic limit is determined for a first commanded prescription as a function of the initial bore condition and the thermal boundary condition.

## Figures